

All references considered - /H.C./

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"20080164422".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/13 07:50
S2	3	"3182193".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/13 09:15
S3	3	"3948772".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/13 09:27
S4	1	"10567835"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/13 09:30
S5	16	(rudkowski near4 jan).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/13 09:30
S6	2	(dinkloh near4 ludwig).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/13 09:30
S7	4	(neitemeier near4 dieter).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/13 09:30
S8	2	"6459087".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/13 09:30

S9	415	(250/436).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/13 09:30
S10	574	(250/435).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/13 09:30
S11	683	(250/432R).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/13 09:30
S12	221	(250/428).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/13 09:30
S13	488	(250/373).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/13 09:30
S14	337	(210/745).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/13 09:30
S15	2764	(210/748).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/13 09:30
S16	265	S9 and (@ad<"20030813" @rlad<"20030813")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/13 09:30

S17	233	S16 and (uv or ultraviolet or ultra near2 violet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/13 09:30
S18	61	S17 and sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/13 09:30
S19	311	S10 and (@ad<"20030813" @rlad<"20030813")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/13 09:30
S20	164	S19 and (uv or ultraviolet or ultra near2 violet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/13 09:30
S21	51	S20 and sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/13 09:30
S22	32	S21 not S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/13 09:30
S23	412	S11 and (@ad<"20030813" @rlad<"20030813")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/13 09:30
S24	199	S23 and (uv or ultraviolet or ultra near2 violet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/13 09:30

S25	64	S24 and sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/13 09:30
S26	45	S25 not S18 not S22	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/13 09:30
S27	115	S12 and (@ad<"20030813" @rlad<"20030813")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/13 09:30
S28	33	S27 and (uv or ultraviolet or ultra near2 violet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/13 09:30
S29	12	S28 and sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/13 09:30
S30	6	S29 not S26 not S18 not S22	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/13 09:30
S31	289	S13 and (@ad<"20030813" @rlad<"20030813")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/13 09:30
S32	240	S31 and (uv or ultraviolet or ultra near2 violet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/13 09:30

S33	80	S32 and sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/13 09:30
S34	71	S33 not S30 not S26 not S18 not S22	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/13 09:30
S35	272	S14 and (@ad<"20030813" @rlad<"20030813")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/13 09:30
S36	51	S35 and (uv or ultraviolet or ultra near2 violet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/13 09:30
S37	26	S36 and sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/13 09:30
S38	22	S37 not (S18 S22 S26 S30 S34)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/13 09:30
S39	1941	S15 and (@ad<"20030813" @rlad<"20030813")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/13 09:30
S40	864	S39 and (uv or ultraviolet or ultra near2 violet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/13 09:30

S41	230	S40 and sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/13 09:30
S42	187	S41 not (S18 S22 S26 S30 S34 S38)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/13 09:30
S43	37	("4336223").URPN.	USPAT	OR	ON	2009/11/13 09:30
S44	9	S43 and sensor	USPAT	OR	ON	2009/11/13 09:30
S45	14	(US-20060222576-\$ or US- 20060231764-\$).did. or (US- 7427763-\$ or US-6459087-\$ or US-7396459-\$ or US- 6646269-\$ or US-6590217-\$ or US-6541777-\$ or US- 5590390-\$ or US-5539209-\$ or US-5019256-\$ or US- 4742231-\$ or US-6269680-\$ or US-4336223-\$).did.	US-PGPUB; USPAT	OR	ON	2009/11/13 09:30
S46	7	S45 and (sensor same quartz)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/13 09:30
S47	121	(wedeco).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/13 09:30
S48	0	S47 and (elongated near2 sensor).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/13 09:30
S49	54	((UV near3 (treatment\$3 disinfect\$3 steriliz\$3)) and ((flow near3 channel) or (single near3 flow)) and (transverse))	USPAT	OR	ON	2009/11/13 09:35

### EAST Search History (I nterference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
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S50	0	((UV near3 (treatment\$3 disinfect\$3 steriliz\$3)) and ((flow near3 channel) or (single near3 flow)) and transverse and sensor).clm.	USPAT; UPAD	OR	ON	2009/11/13 12:20
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**11/ 13/ 2009 12:33:57 PM****C:\ Documents and Settings\ hchang\ My Documents\ EAST\ Workspaces\ 10567835.wsp**